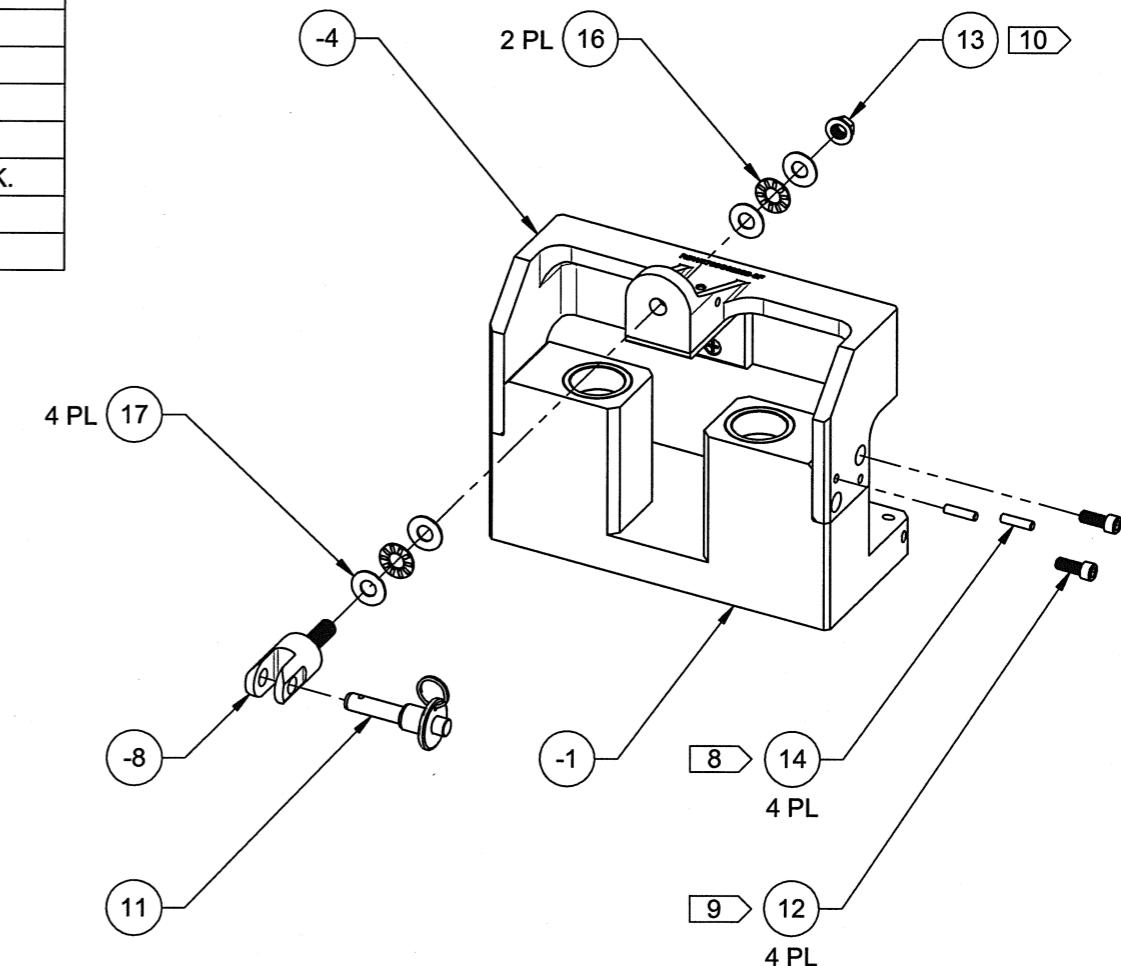
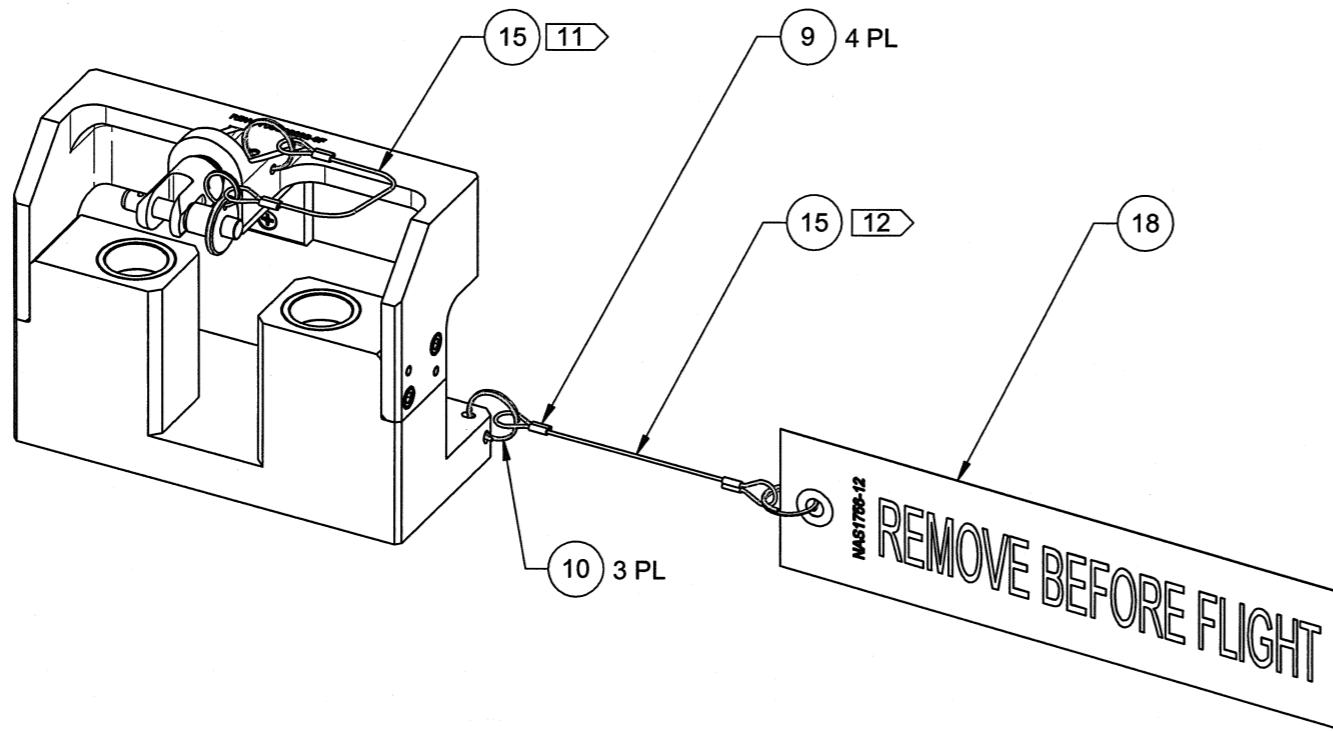


ITEM #	QTY	PART #	PART TITLE
-1	1	RBW6700G02232-6F-1	BASE ASSEMBLY
-4	1	RBW6700G02232-6F-4	SUPPORT ASSEMBLY
-8	1	RBW6700G02232-6F-8	CONNECTOR
9	4	McMaster#3896T31 OR EQUIV.	ALUMINUM WIRE ROPE COMPRESSION SLEEVE 1/16" DIA. X 3/8" LG.
10	3	McMaster#90905A655 OR EQUIV.	316 SS SPLIT RING 15/16" ID. X 1-1/16" OD. X 1/8" THK.
11	1	McMaster#90985A311 OR EQUIV.	17-4 PH SS PUSH BUTTON QUICK RELEASE PIN 3/8" DIA. X 1" USABLE LG.
12	4	McMaster#92185A559 OR EQUIV.	316 SS SOCKET HEAD SCREW 1/4"-28 X 5/8" LG.
13	1	McMaster#95307A700 OR EQUIV.	CADMUM PLATED STEEL FLANGE LOCKNUT 3/8"-24 X 9/32" HT.
14	4	McMaster#98380A508 OR EQUIV.	416 SS DOWEL PIN 3/16" DIA. X 3/4" LG.
15	A/R	CARR-LANE#CL-2-C	NYLON COATED STEEL LANYARD 1/16" DIA.
16	2	NTA-613	STEEL NEEDLE ROLLER THRUST BEARING 0.377" ID. X 13/16" OD. X 5/64" THK.
17	4	TRA-613	STEEL THRUST WASHER 0.377" ID. X 13/16" OD. X 0.032" THK.
18	1	NAS1756-12	REMOVE BEFORE FLIGHT FLAG



**ITEMS 9, 10, 15 AND 18
REMOVED FOR CLARITY**

NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

RBW6700G02232-6F M/R CLINOMETER SUPPORT TOOL

13

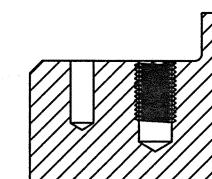
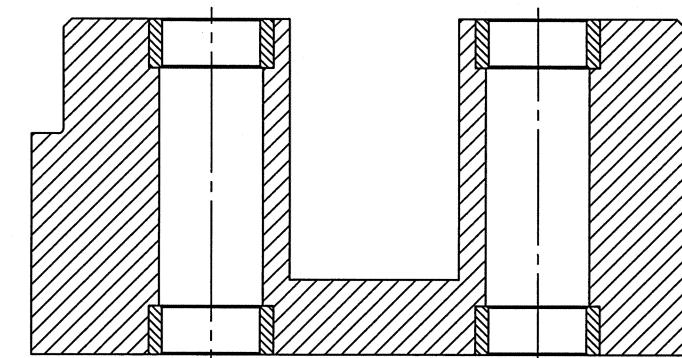
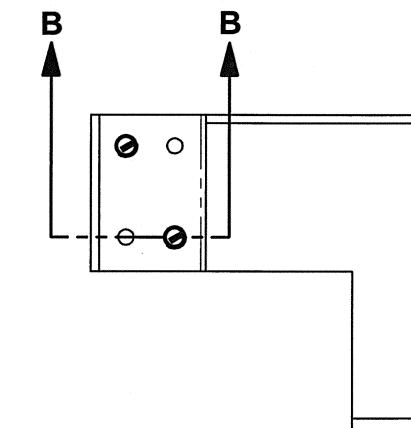
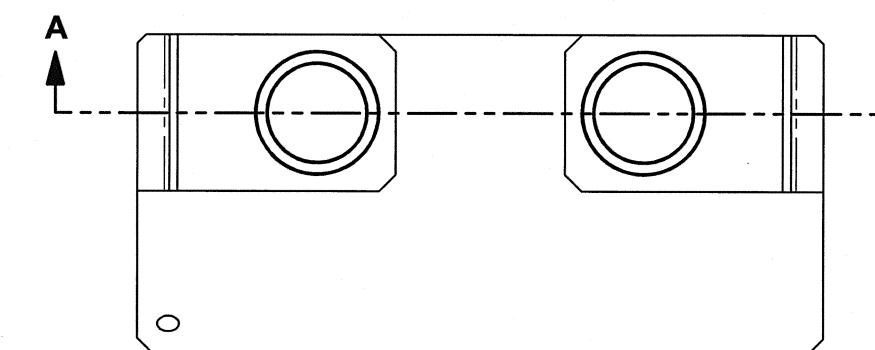
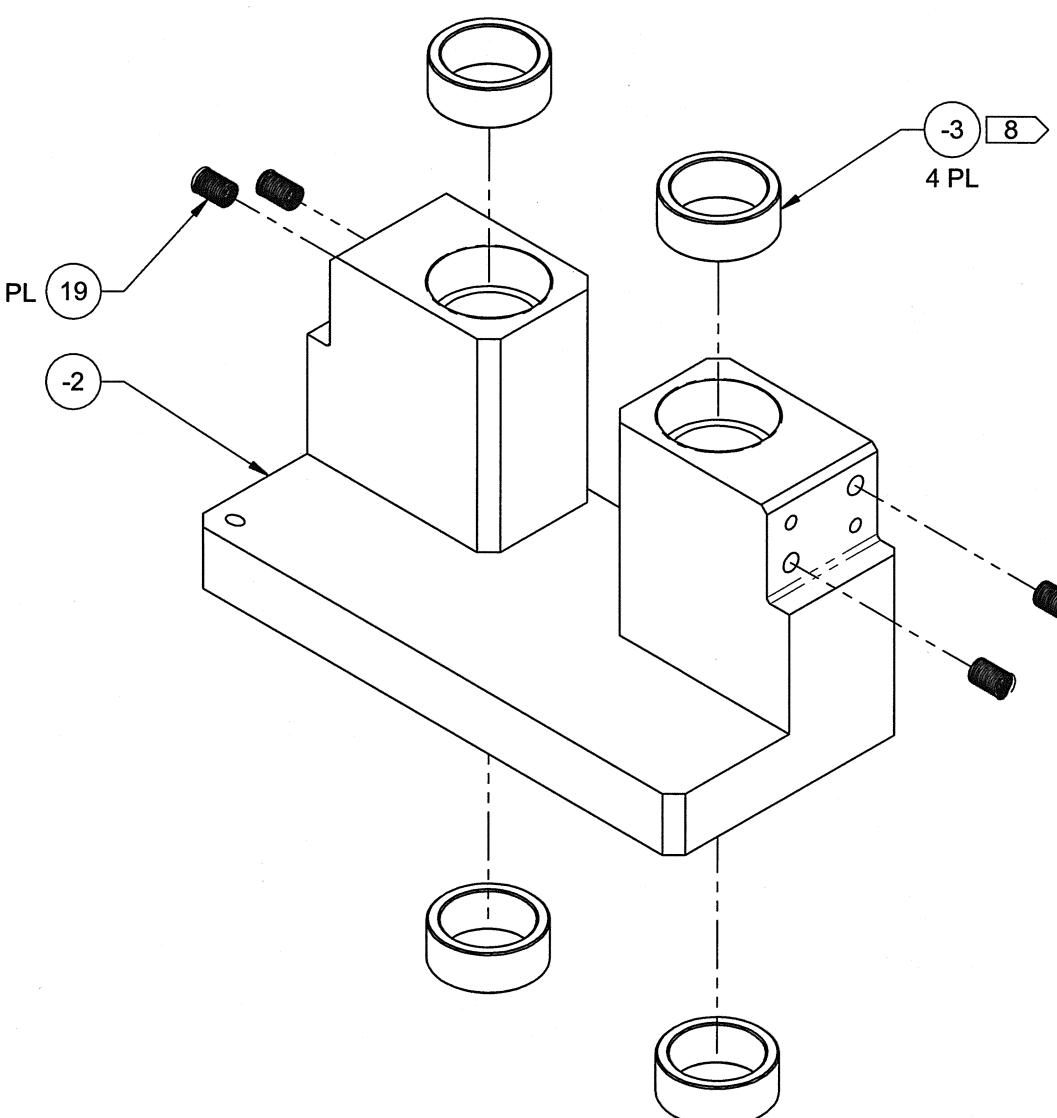
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM 14 WITH ITEM -1, AND REMOVE EXCESS
- 9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEM 12 THEN ASSEMBLE WITH ITEM -1, AND REMOVE EXCESS
- 10) TORQUE ITEM 13 TO 8-9 FT-LBS (95-110 IN-LBS)
- 11) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1", LANYARD MUST MOVE FREELY WHEN INSTALLING/REMOVING ITEM 13
- 12) ASSEMBLED LANYARD LENGTH MUST BE 6" +/- 1"
- 13) THE TOOL ASSY MUST BE PACKAGED WITH A DESICCANT BAG INTO A TIGHT FITTING SEALED PLASTIC BAG

A	NEW ISSUE	19-705	KPT
REV.	DESCRIPTION	ECN #	BY
DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB		
MFG. APPR.	FK		
APPROVED	WY		
TOOL PART #	RBW6700G02232-6F		
REV. A	SHEET 1 OF 9		
TITLE	M/R CLINOMETER SUPPORT TOOL		
SCALE	NTS		
DATE	4/23/2019		

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ITEM #	QTY	PART #	PART TITLE
-2	1	RBW6700G02232-6F-2	BASE
-3	4	RBW6700G02232-6F-3	BUSHING
19	4	McMaster#91732A737 OR EQUIV.	SS18-8 HELICAL INSERT 1/4"-28 X 1/2" LG.

D



SECTION B-B
4 PL

SECTION A-A

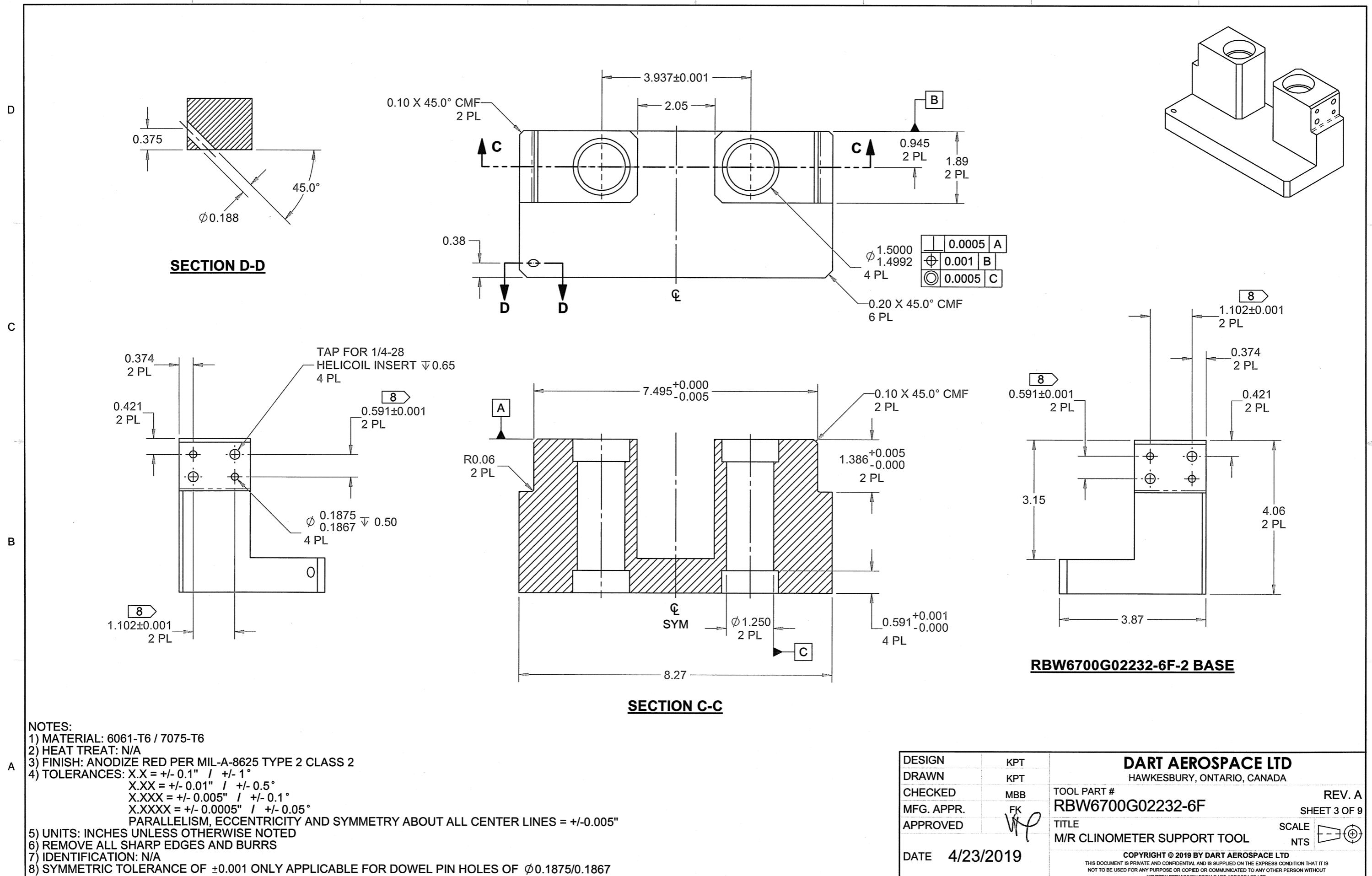
RBW6700G02232-6F-1 BASE ASSEMBLY

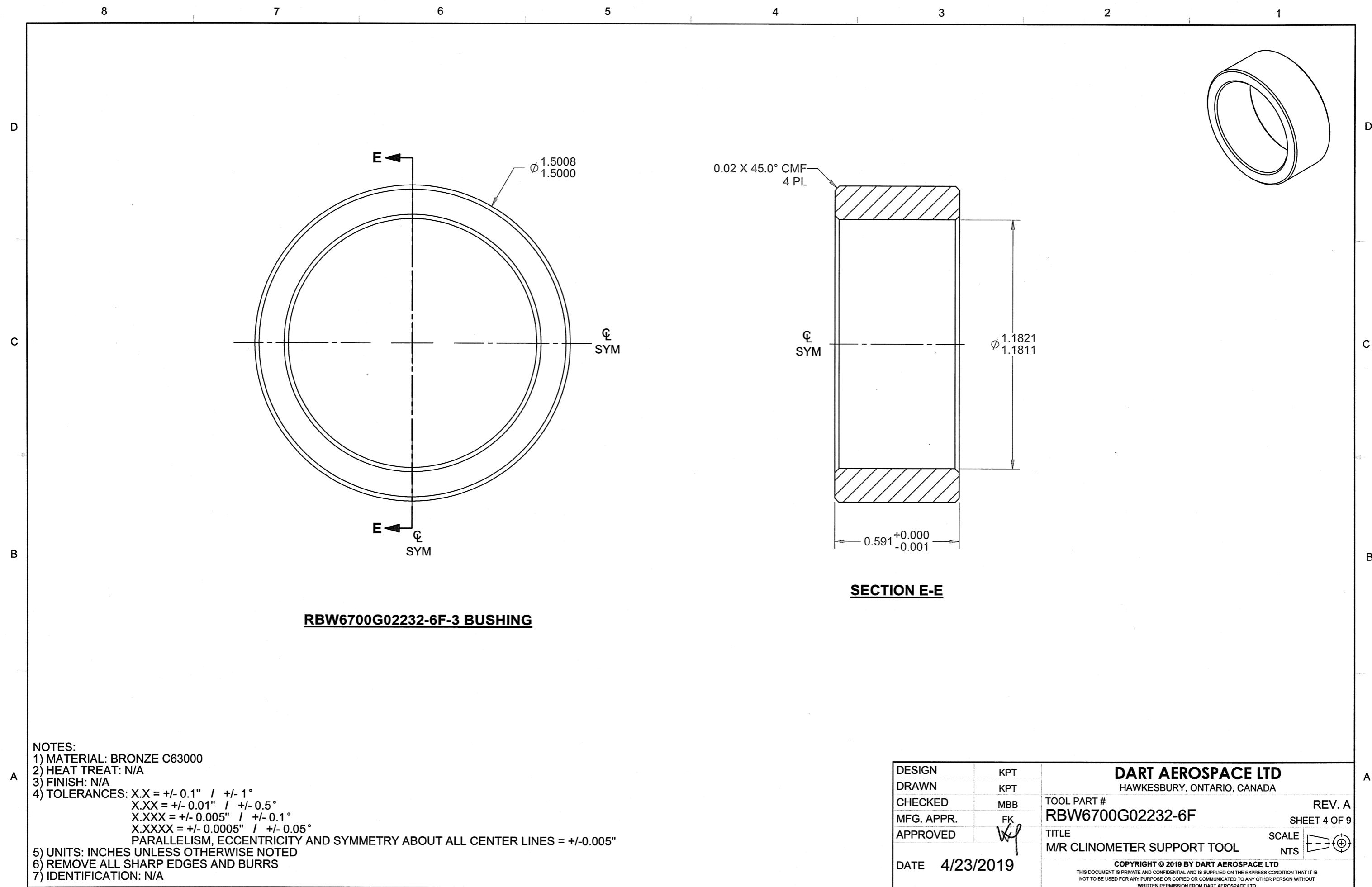
NOTES:

- 1) MATERIAL: N/A
- 2) HEAT TREAT: N/A
- 3) FINISH: N/A
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°
PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) IDENTIFICATION: N/A
- 7) ASSEMBLE AS SHOWN
- 8) APPLY RETAINING COMPOUND LOCTITE 620 OR EQUIVALENT ON MATING SURFACES
THEN PRESS FIT ITEM -3 WITH ITEM -2, AND REMOVE EXCESS

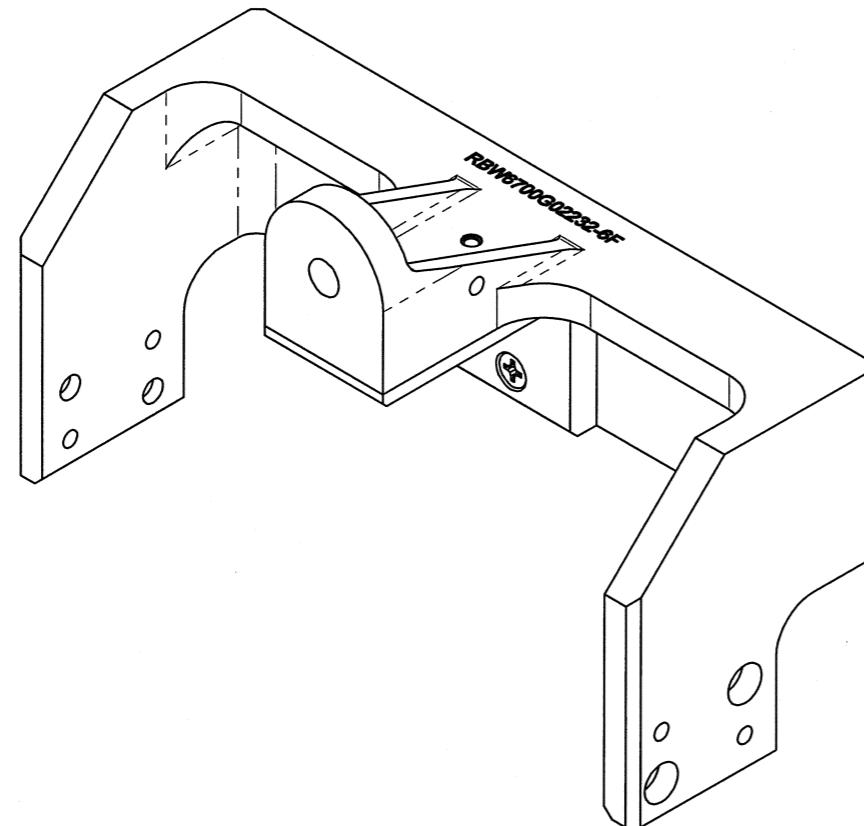
DESIGN DRAWN	KPT KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	MBB	TOOL PART #	REV. A
MFG. APPR.	FK	RBW6700G02232-6F	SHEET 2 OF 9
APPROVED	<i>[Signature]</i>	TITLE M/R CLINOMETER SUPPORT TOOL	
DATE 4/23/2019		SCALE NTS	

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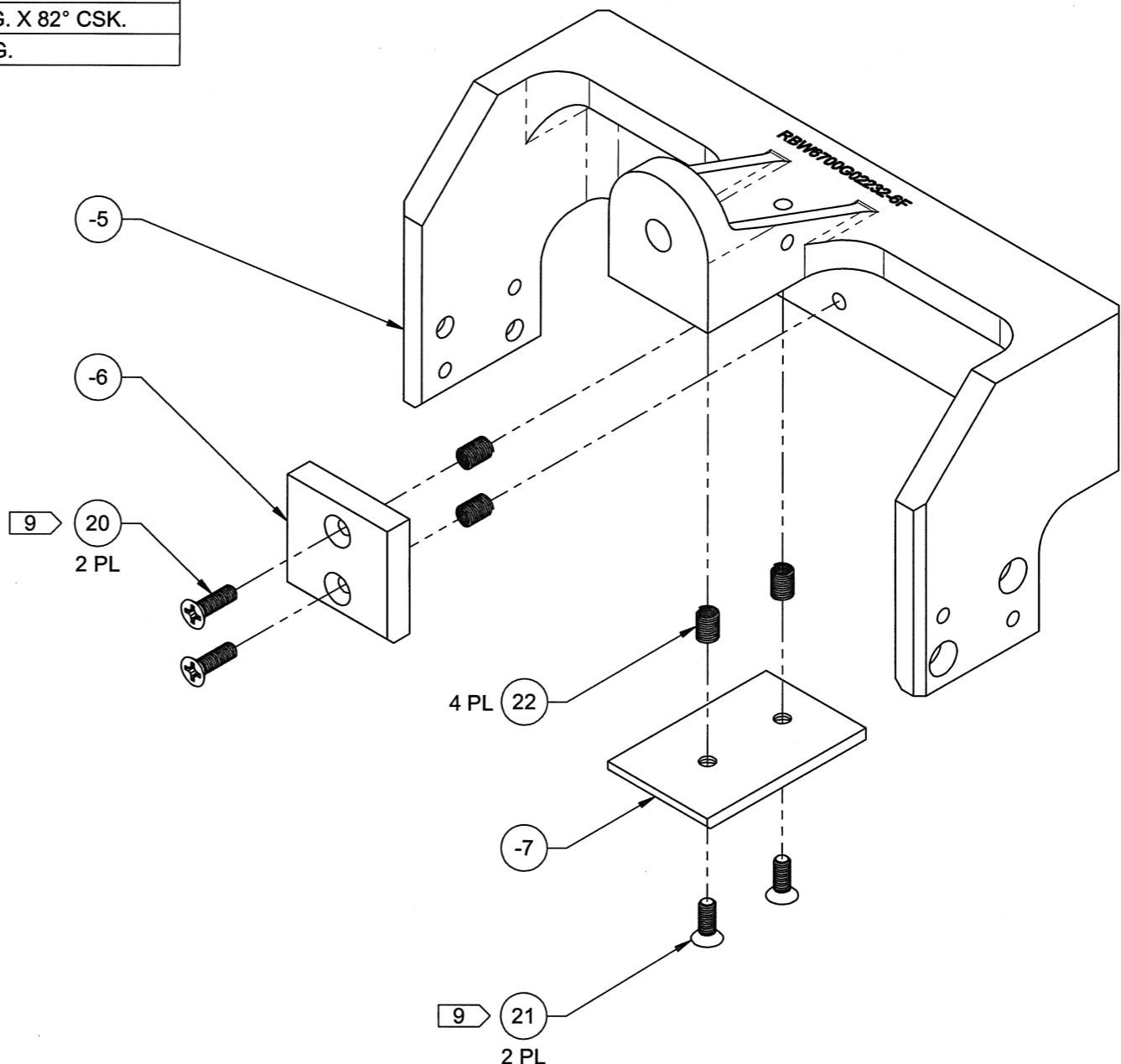




ITEM #	QTY	PART #	PART TITLE
-5	1	RBW6700G02232-6F-5	SUPPORT
-6	1	RBW6700G02232-6F-6	PROTECTION #1
-7	1	RBW6700G02232-6F-7	PROTECTION #2
20	2	McMaster#91500A358 OR EQUIV.	316 SS PHILLIPS FLAT HEAD SCREW #10-32 X 5/8" LG. X 82° CSK.
21	2	McMaster#91500A829 OR EQUIV.	316 SS PHILLIPS FLAT HEAD SCREW #10-32 X 1/2" LG. X 82° CSK.
22	4	McMaster#91732A725 OR EQUIV.	18-8 SS HELICAL INSERT #10-32 X 0.38" LG.



RBW6700G02232-6F-4 SUPPORT ASSEMBLY



NOTES:

1) MATERIAL: N/A
2) HEAT TREAT: N/A
3) FINISH: N/A

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
X.XX = +/- 0.01" / +/- 0.5°
X.XXX = +/- 0.005" / +/- 0.1°
X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/-0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

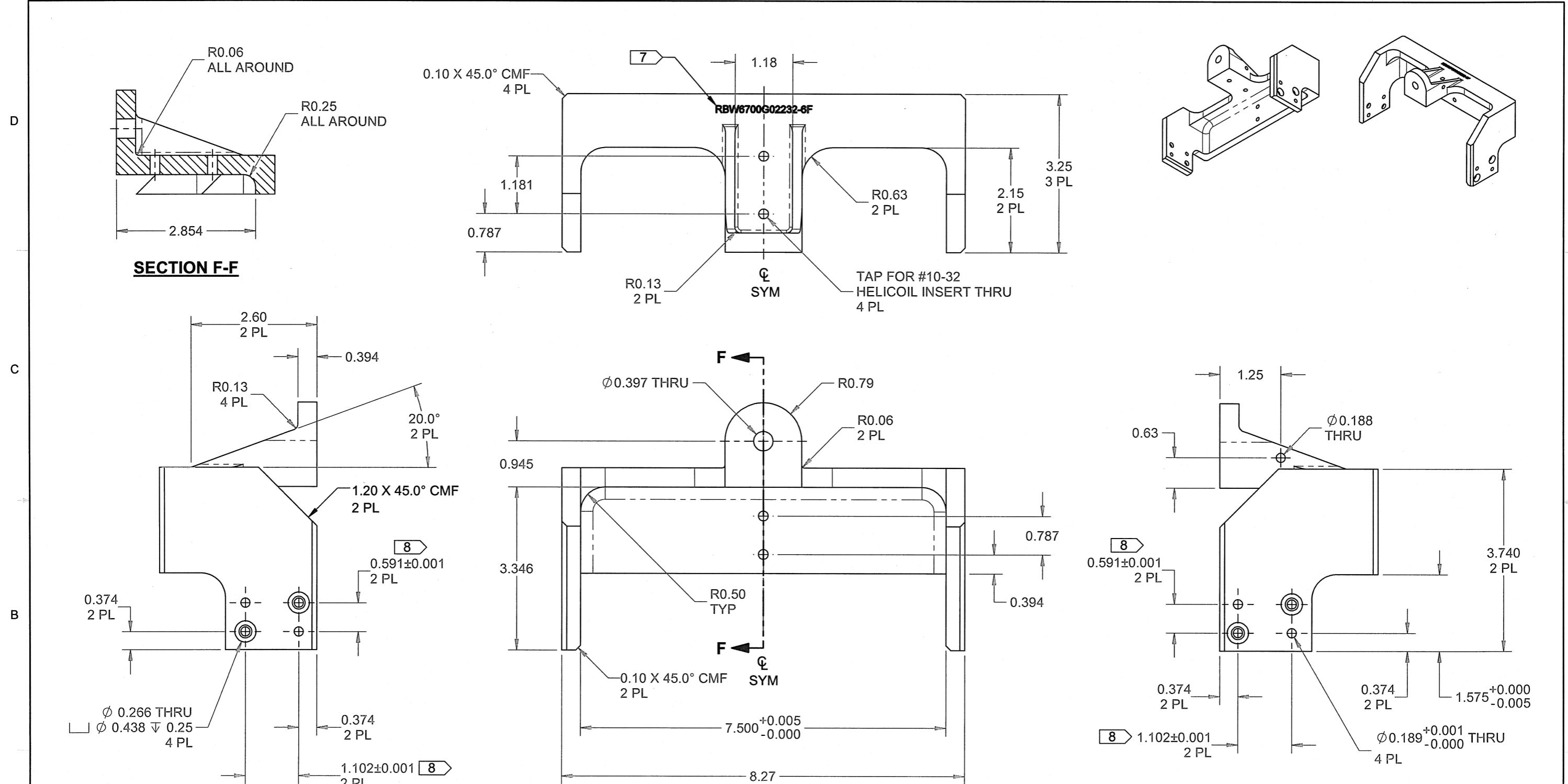
6) BREAK SHARP EDGES: N/A

7) IDENTIFICATION: N/A

8) ASSEMBLE AS SHOWN

9) APPLY RED THREADLOCKER LOCTITE 263/262 ON THREADS OF ITEMS 20 AND 21, THEN ASSEMBLE WITH ITEM 22, AND REMOVE EXCESS

DESIGN	KPT	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	KPT		
CHECKED	MBB		
MFG. APPR.	FK		
APPROVED	VJ		
DATE 4/23/2019		TOOL PART #	RBW6700G02232-6F
		TITLE	M/R CLINOMETER SUPPORT TOOL
		SCALE	NTS
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NOTES:

1) MATERIAL: 6061-T6 / 7075-T6

2) HEAT TREAT: N/A

3) FINISH: ANODIZE RED PER MIL-A-8625 TYPE 2 CLASS 2

4) TOLERANCES: X.X = +/- 0.1" / +/- 1°

X.XX = +/- 0.01" / +/- 0.5°

X.XXX = +/- 0.005" / +/- 0.1°

X.XXXX = +/- 0.0005" / +/- 0.05°

PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"

5) UNITS: INCHES UNLESS OTHERWISE NOTED

6) REMOVE ALL SHARP EDGES AND BURRS

7) IDENTIFICATION: MACHINE ENGRAVE OR DOT MARK T/N, "RBW6700G02232-6F", AS SHOWN

8) SYMMETRIC TOLERANCE OF +/- 0.001 ONLY APPLICABLE FOR DOWEL PIN HOLES OF Ø 0.189+0.001/-0.000

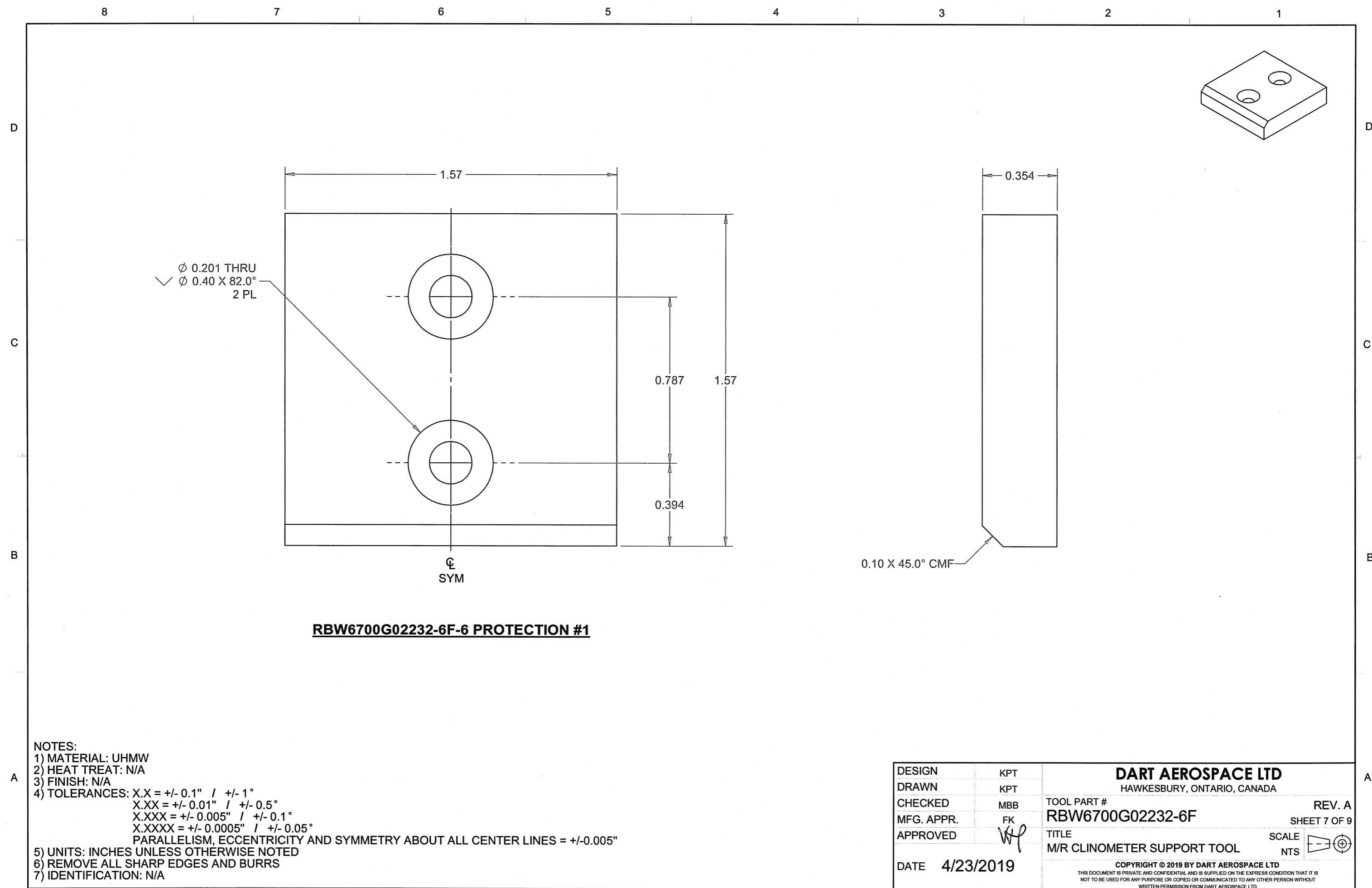
9) ALL NON-DIMENSIONED FEATURES MUST MAINTAIN A TOLERANCE OF +/- 0.005" PER CAD FILE RBW6700G02232-6F-5 REV. A.STEP

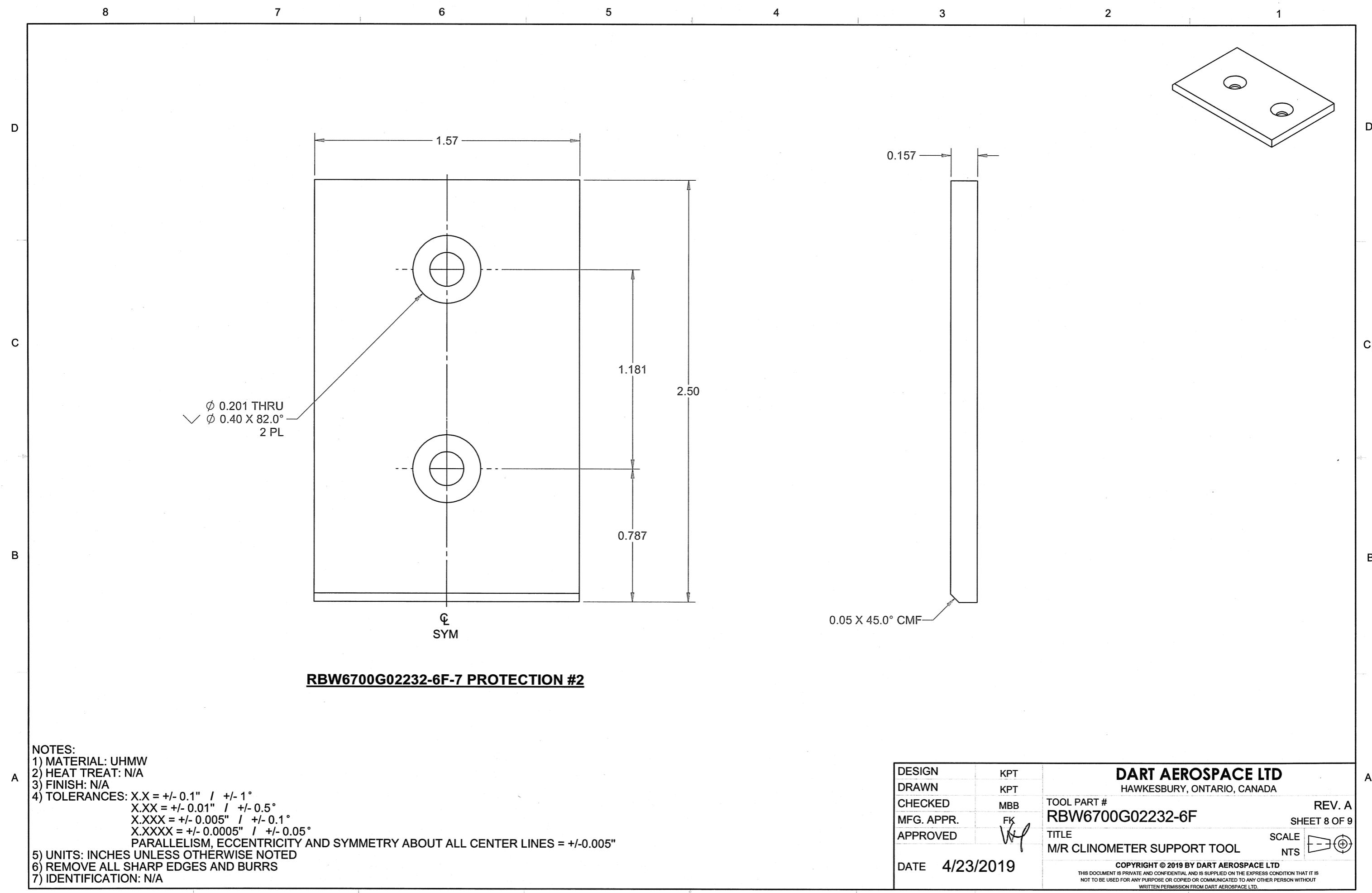
RBW6700G02232-6F-5 SUPPORT

9

DESIGN DRAWN	KPT	DART AEROSPACE LTD
CHECKED	KPT	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	MBB	TOOL PART #
APPROVED	FK	RBW6700G02232-6F
	WF	REV. A
		SHEET 6 OF 9
		SCALE NTS
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DATE 4/23/2019





D

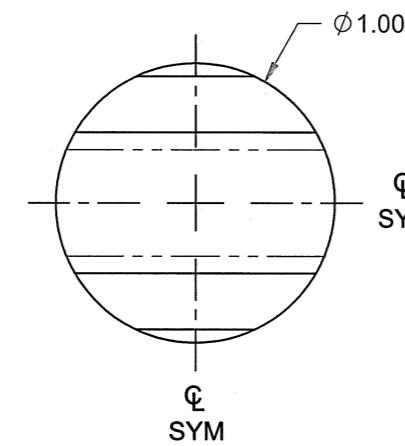
D

C

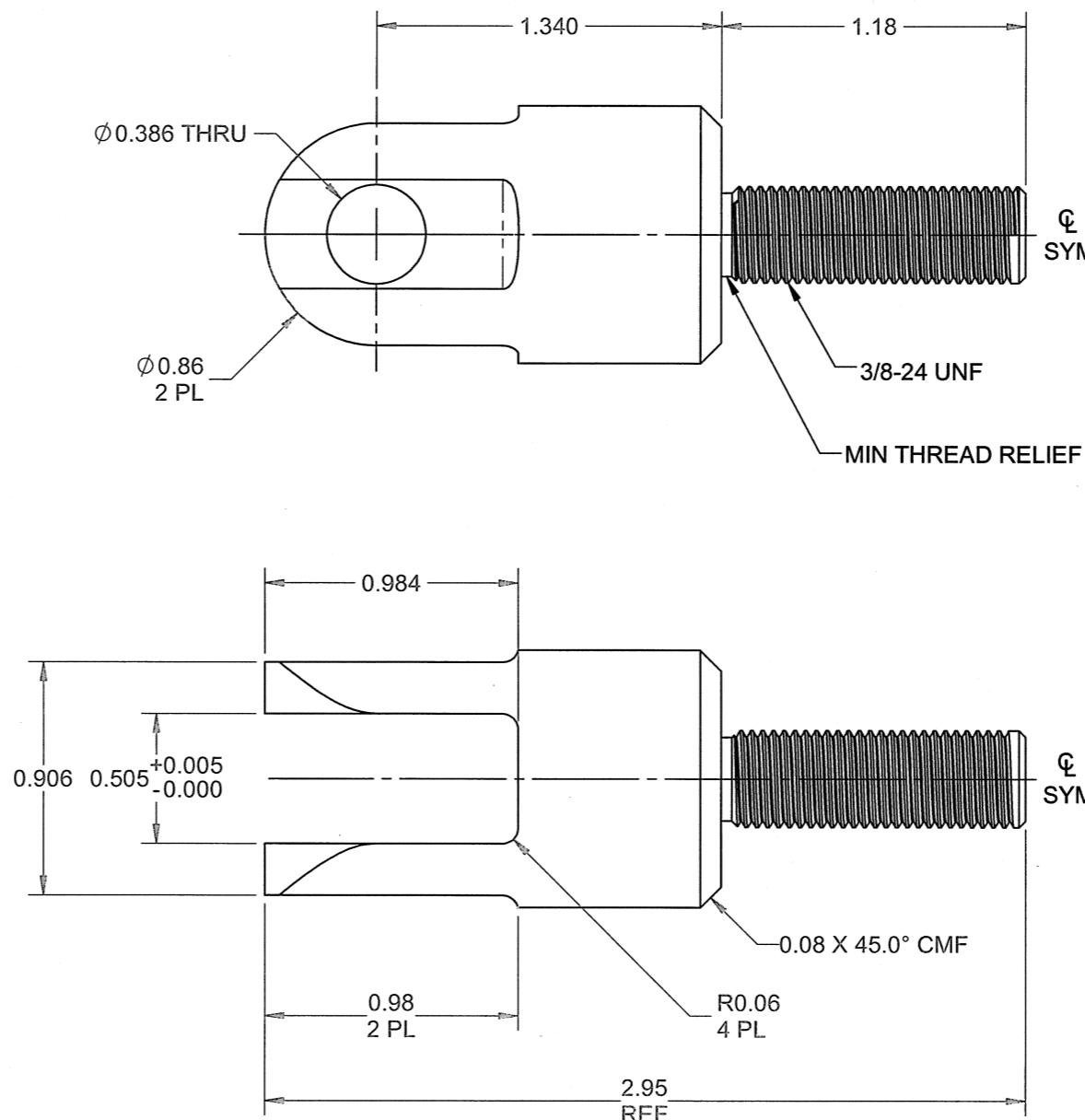
C

B

B



RBW6700G02232-6F-8 CONNECTOR



NOTES:

- 1) MATERIAL: 4140 (28-32 RC)
- 2) HEAT TREAT: N/A
- 3) FINISH: BLACK OXIDE PER MIL-C-13924 CLASS 1 THEN APPLY A THIN LAYER OF OIL / CPC PER MIL-PRF-16173 GRADE 3 CLASS 1 OR MIL-C-81309 TYPE III OR MIL-C-23411A OR MIL-PRF-81309 AND WIPE OFF EXCESS
- 4) TOLERANCES: X.X = +/- 0.1" / +/- 1°
 X.XX = +/- 0.01" / +/- 0.5°
 X.XXX = +/- 0.005" / +/- 0.1°
 X.XXXX = +/- 0.0005" / +/- 0.05°
 PARALLELISM, ECCENTRICITY AND SYMMETRY ABOUT ALL CENTER LINES = +/- 0.005"
- 5) UNITS: INCHES UNLESS OTHERWISE NOTED
- 6) REMOVE ALL SHARP EDGES AND BURRS
- 7) IDENTIFICATION: N/A

DESIGN DRAWN	KPT	DART AEROSPACE LTD
CHECKED	MBB	HAWKESBURY, ONTARIO, CANADA
MFG. APPR.	FK	TOOL PART #
APPROVED	WY	RBW6700G02232-6F
		REV. A
		SHEET 9 OF 9
		SCALE NTS
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